

## TOO FLUFFY? TOO GRITTY? OR JUST RIGHT?



Visualize the solids / liquid separation capabilities  
of activated sludges



**Narrower than other brands so it can be  
carried with one hand.**

Settleometers are used to determine percent (%) volume and/or settled sludge volumes (SSVs) for quantifying settling of sludge samples. Used in conjunction with aeration tank mixed liquor concentrations by volume (ATCs - obtained from the Centrifuge Test) the SSV data can yield Settled Sludge Concentration (SSCs) at respective times. When compared to the return activated sludge concentration by volume (RSC), a powerful process control tool is provided for return sludge flow control.

*"The results obtained from the settleometer and centrifuge tests can be combined and used to adjust proper return sludge flow to minimize clarifier sludge detention while maximizing clarifier sludge concentration. This type of operational information demonstrates the superiority of settleometer testing in comparison to simple use of SVI (sludge volume index)."*

Activated Sludge Manual of  
Practice OM-9 first edition page 171.

West, A.W. "Updated Summary of the Operational Control Procedures  
for the Activated Sludge Process" US EPA, Cincinnati, OH

The Raven Settleometer Kit is used to evaluate sludge settling characteristics.

Use it with mixed liquor samples to determine the behavior of the sludge in the secondary clarifier.

Also with aerobic digester samples to evaluate supernatants and separation periods for sludge wasting.

Each kit is shipped with the following items:

- C-10100  
Settleometer, 1.4 &  
2 liter cylinder
- C-10103  
Mixing Paddle
- C-10104  
Snap-on Lid

Shipping weight is 1 lb.  
4.5" diameter X 8.5" tall.